



US 60 (Grand Avenue) and Bell Road Interchange Study

WELCOME

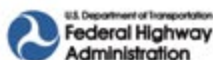


US 60 (Grand Avenue) and Bell Road Interchange Study

SPEAKER REGISTRATION

ADOT Project No.: H848501L Federal Project No.: NH-060-B(212)T

14-095



FOR MORE INFORMATION:
azdot.gov/BellandGrand

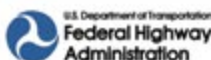


US 60 (Grand Avenue) and Bell Road Interchange Study

DRAFT ENVIRONMENTAL ASSESSMENT AND DESIGN CONCEPT REPORT

ADOT Project No.: HB48501L Federal Project No.: NH-060-B(212)T

14-095



FOR MORE INFORMATION:
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COURT REPORTERS

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WRITTEN COMMENT AREA



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ROLL PLOTS

(Study Area Maps)



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Simulation: Westbound on Grand Avenue from Dysart Road





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Artistic Renderings Key





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**View 1 - On West Point Parkway Looking East Toward
Grand Avenue/Bell Road Traffic Interchange**



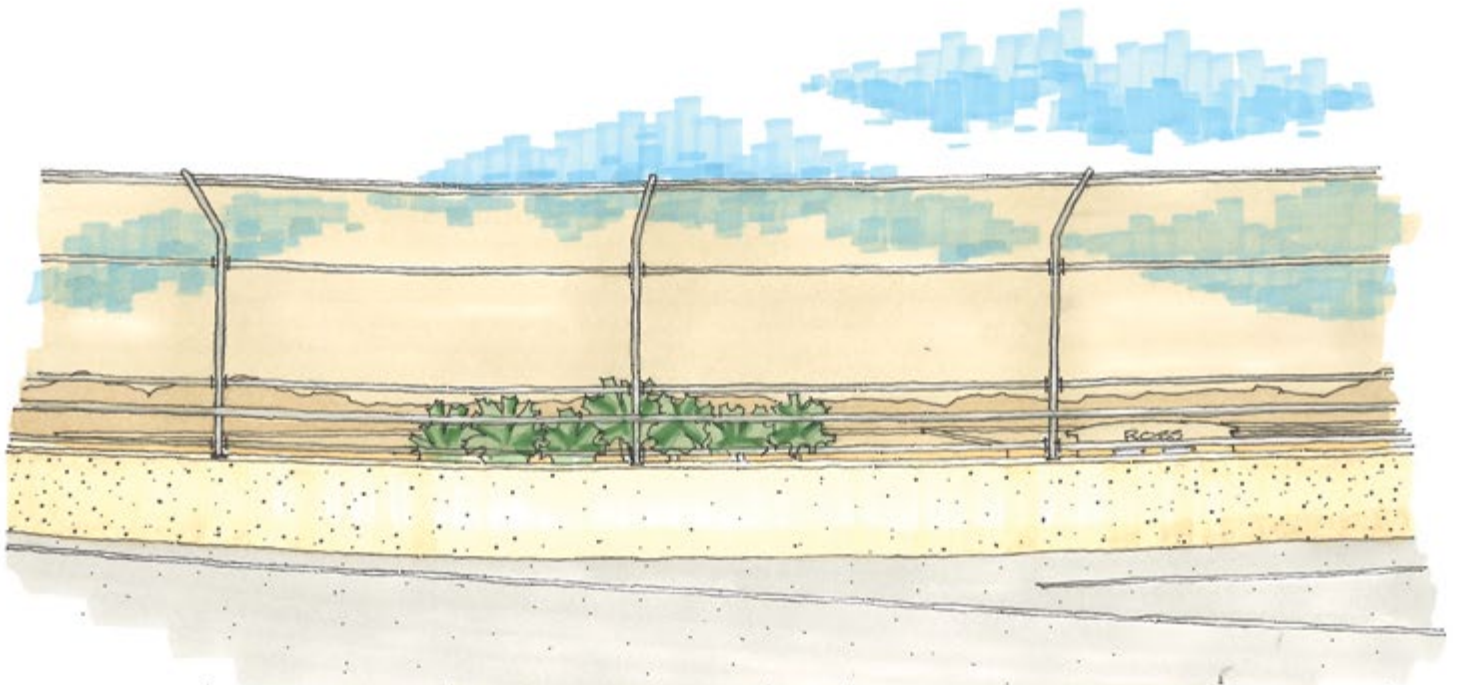
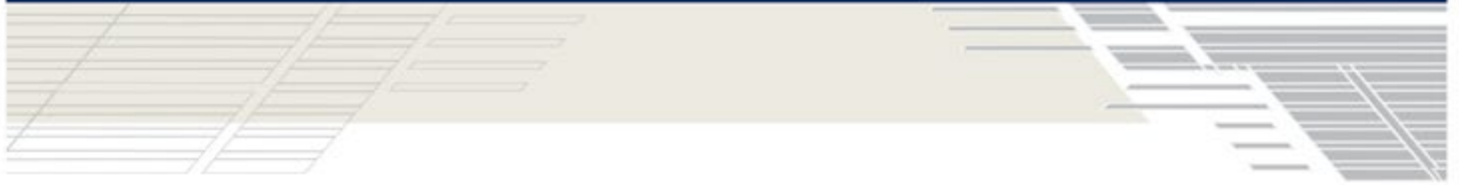
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**View 2 - At Surprise Marketplace Looking North
Toward Grand Avenue/Bell Road Traffic Interchange**



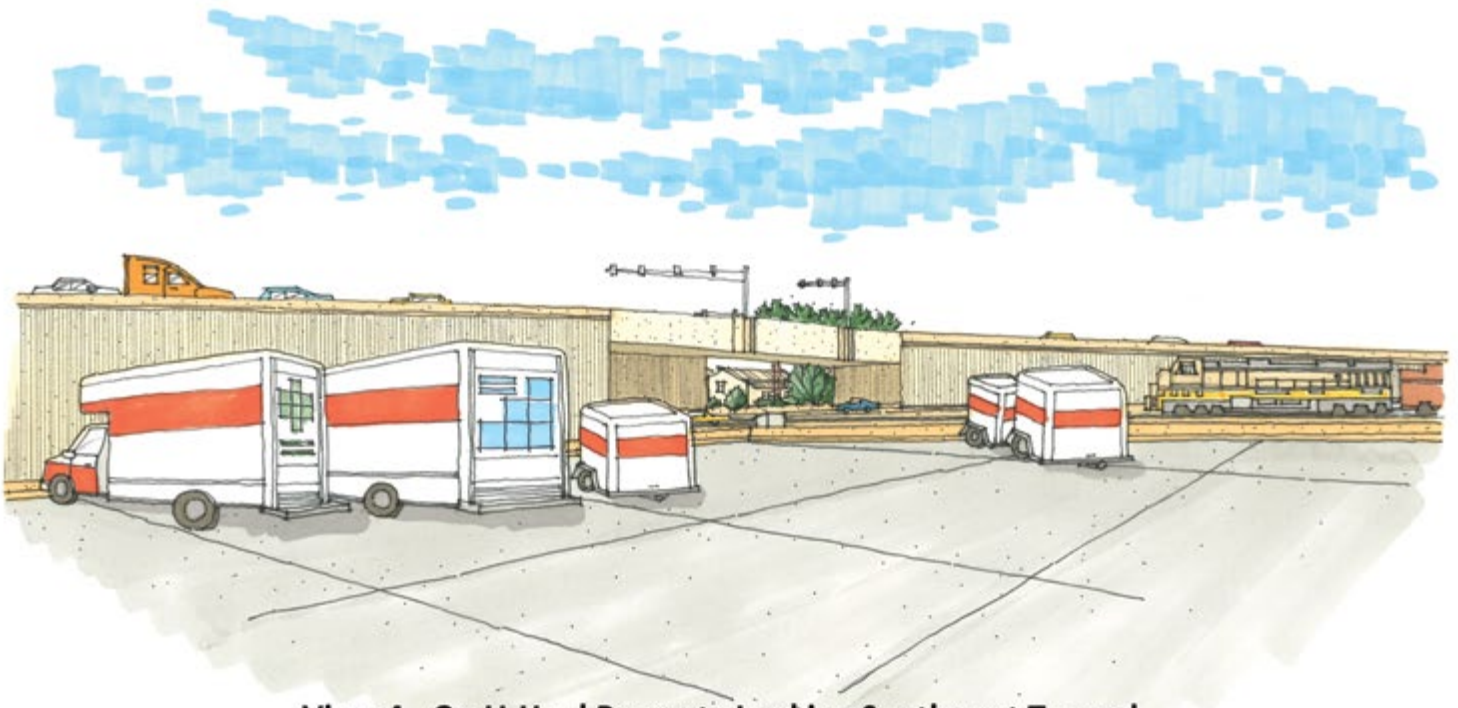
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**View 3 - On Grand Avenue/Bell Road Traffic Interchange Bridge
Looking Southwest Toward Surprise Marketplace**



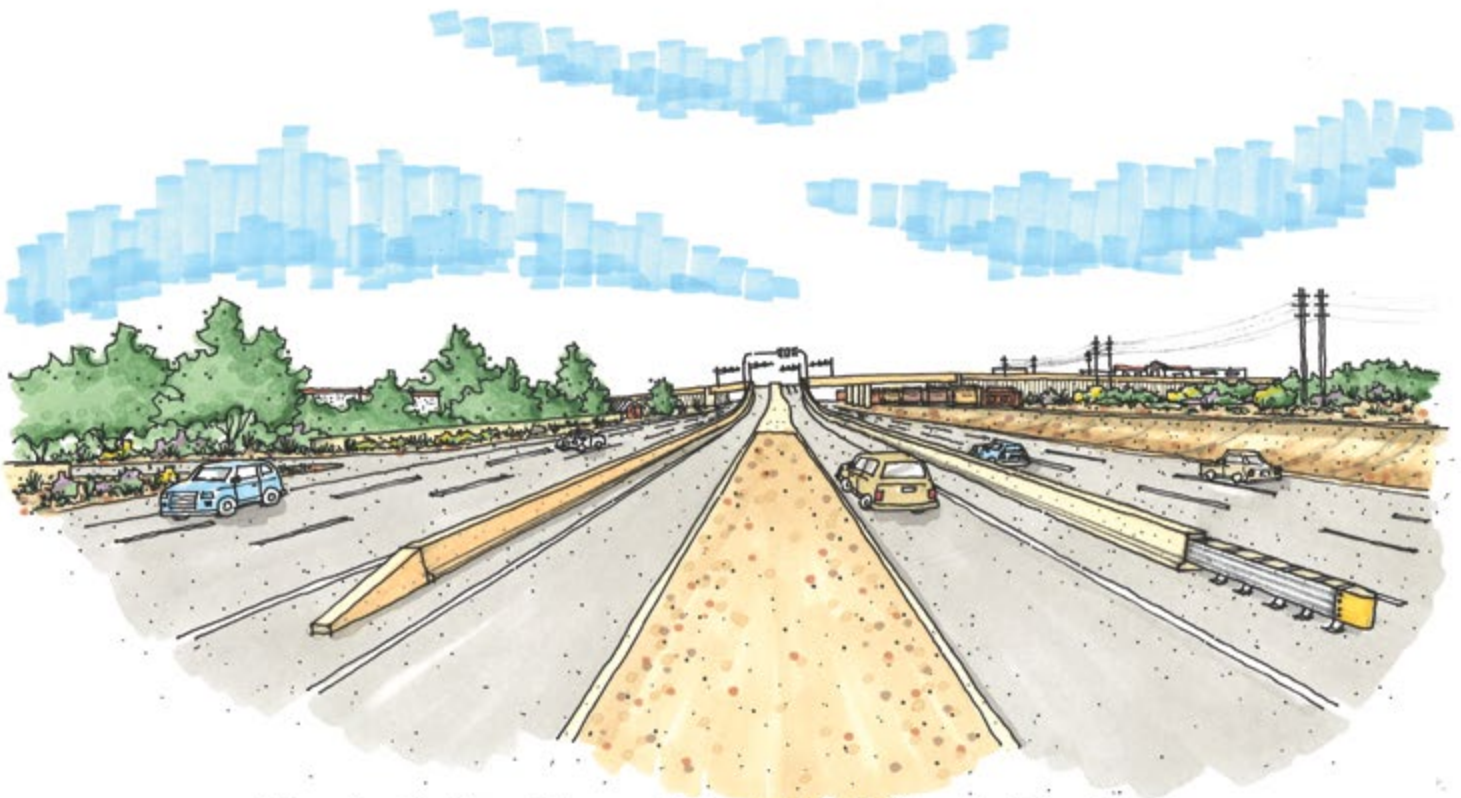
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**View 4 - On U-Haul Property Looking Southwest Toward
Grand Avenue/Bell Road Traffic Interchange**



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View 5 - On Grand Avenue West of Bell Grande Drive Looking Northwest Toward Grand Avenue/Bell Road Traffic Interchange



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What is an Environmental Assessment (EA)?

A document that is prepared to comply with the National Environmental Policy Act, or NEPA that includes:

- ▶ Discussion of the need for and purpose of the project
- ▶ The alternatives evaluated
- ▶ The environmental impacts of the project alternatives
- ▶ Coordination with agencies and the public



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Environmental Considerations

- ▶ Air Quality
- ▶ Cultural Resources
- ▶ Environmental Justice
- ▶ Hazardous Materials
- ▶ Historic Properties
- ▶ Land Use/Local Planning
- ▶ Property Impacts
- ▶ Pedestrians and Bicycles
- ▶ Noise
- ▶ Utility Impacts
- ▶ Socioeconomics
- ▶ Transportation
- ▶ Visual Conditions
- ▶ Floodplains/Drainage
- ▶ Geology
- ▶ Vegetation
- ▶ Water Quality/Resources



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Project Need

- ▶ The existing Grand Avenue/Bell Road intersection experiences congestion during both the A.M. and P.M. peak hours
- ▶ Traffic volumes will increase in the future, resulting in increased congestion
- ▶ The at-grade rail crossing of Bell Road becomes impassable during train activity, resulting in additional travel delays for commuters and emergency vehicles
- ▶ Potential for train and vehicle collisions increases with at-grade rail crossings

Project Purpose

- ▶ Improve traffic operational conditions to reduce congestion and improve wait times
- ▶ Grade-separate Bell Road and BNSF Railway tracks



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Evaluation Criteria

- ▶ Traffic Operational Performance
- ▶ Ability to Achieve Engineering Standards
- ▶ Railroad Acceptance
- ▶ Right-of-Way Impacts
- ▶ Ability to Provide for Local Access
- ▶ Total Estimated Project Cost
- ▶ Temporary Construction Impacts
- ▶ Utility Considerations
- ▶ Environmental Considerations
- ▶ Local Agency Acceptance
- ▶ Public Acceptance



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Study Schedule*



Next Steps**



***Schedule is subject to change**

****If a build alternative is selected**



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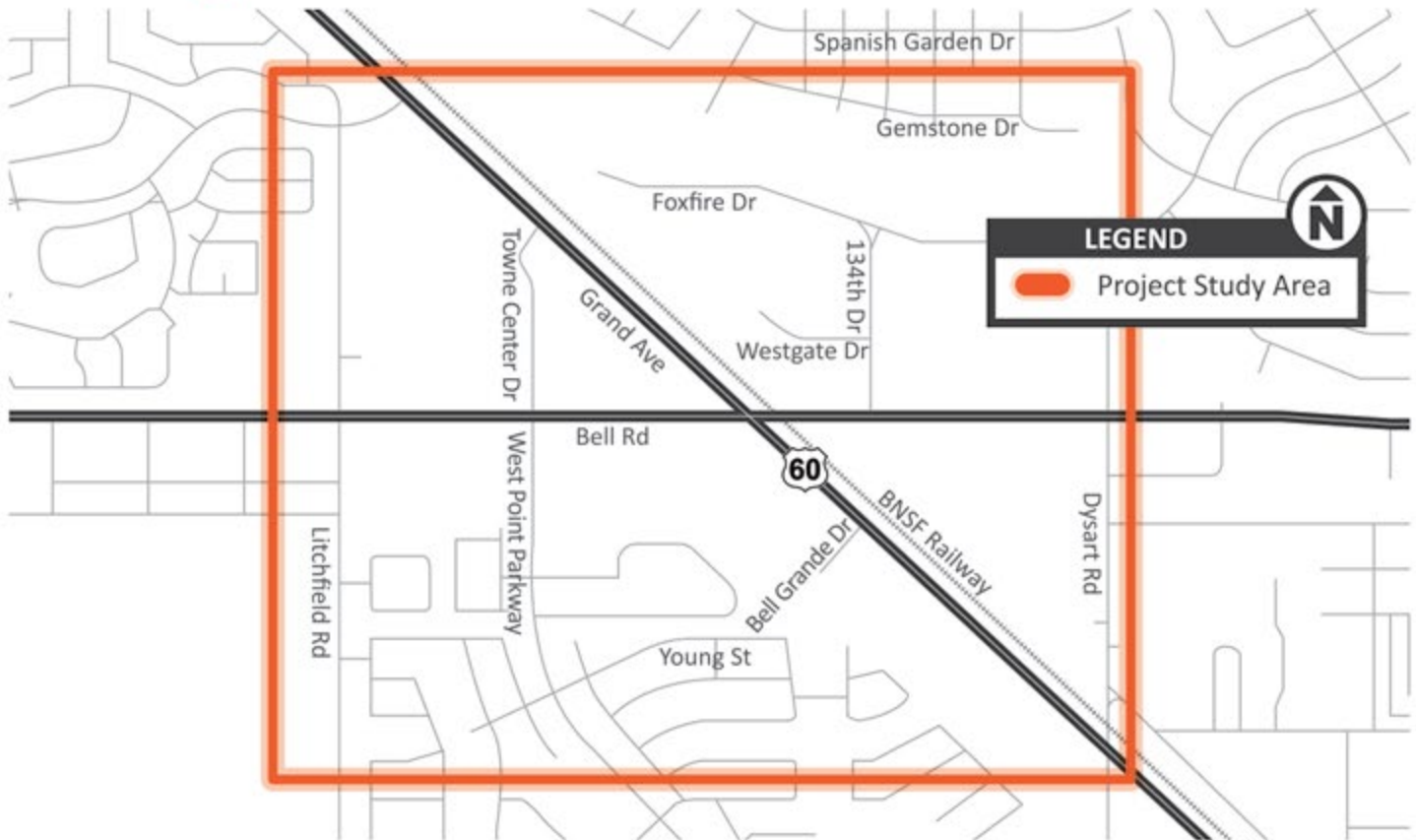
What is a Grade Separation?

A grade separation is used to improve traffic flow and reduce conflicts at intersections. With grade-separation design, each road or rail surface is placed at a different grade, or elevation. This difference in elevation is accomplished using tunnels, ramps, bridges and interchanges at every point where the two roads or rails cross one another. For example, an elevated train running above a roadway is an example of rail grade separation. The Bell Road and Grand Avenue intersection is currently not grade separated.



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Study Area



- ▶ Grand Avenue is part of the National Highway System and is a **critical transportation corridor** for the northwest valley
- ▶ Bell Road is a Maricopa County “Route of Regional Significance”



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Providing Public Testimony

- ▶ Speakers will be called in the order speaker cards are received, with elected officials going first.
- ▶ There is a three-minute time limit. The yellow card will signify 30 seconds remaining and the red card means time is up.
- ▶ Public testimony is not intended as a Q&A. Questions should be directed to study team members in the Open House room.
- ▶ Those wishing to speak a second time may do so after all others have been called to testify.



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2012 P.M.

Traffic Conditions

2035 P.M.

Traffic Conditions



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2035 Alternative A: **Median Urban Design** **(Recommended Alternative)** **Traffic Conditions**

2035 Alternative B: **Grade Separation Only** **Traffic Conditions**